

3M General Offices

3M Center
St. Paul, Minnesota 55144-1000
612/733-1110
Duns No.: 00-617-3082

**SAFETY HEALTH AND
ENVIRONMENTAL AFFAIRS****SEP 15 1992**

06-89
14848

**MATERIAL SAFETY
DATA SHEET**

ORIGINAL

**DIVISION: ENGINEERING DOCUMENT SYSTEMS DIVISION****TRADE NAME:****3M BRAND QUANTIMATIC TONER TYPE 748F****3M I.D. NUMBER: 78-6969-5092-8****ISSUED: JULY 31, 1992****SUPERSEDES: JULY 1, 1992****DOCUMENT: 10-3574-0**

1. INGREDIENT	C.A.S. NO.	PERCENT		
POLYSTYRENE POLYMER OR	9003-53-6	60.0	-	100.0
STYRENE ACRYLATE POLYMER	25767-47-9	60.0	-	100.0
CARBON BLACK	1333-86-4	5.0	-	10.0
C.I. SOLVENT BLACK 7	8005-02-5	1.0	-	5.0
C.I. SOLVENT BLUE 5	1325-86-6	<		1.0
FUMARATED ROSIN (MIXTURE WITH 1325-86-6)	65997-04-8	<		1.0
MONODODECYL ESTER OF SULFURIC ACID (MIXTURE WITH 1325-86-6)	151-41-7	<		1.0

2. PHYSICAL DATA

BOILING POINT:..... N/A
VAPOR PRESSURE:..... N/A
VAPOR DENSITY: N/A
EVAPORATION RATE:..... N/A
SOLUBILITY IN WATER: neglig.
SP. GRAVITY:..... ca. 1.1 Water = 1
PERCENT VOLATILE: N/A
VOLATILE ORGANICS: N/A
VOC LESS H₂O & EXEMPT SOLVENT N/A
pH: N/A
VISCOSITY: N/A
MELTING POINT..... N/D
APPEARANCE AND ODOR: Fine black powder, essentially odorless

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:..... N/A
FLAMMABLE LIMITS - LEL: N/A
FLAMMABLE LIMITS - UEL: N/A
AUTOIGNITION TEMPERATURE: ... N/D
EXTINGUISHING MEDIA:
Carbon dioxide, Dry chemical, Foam
SPECIAL FIRE FIGHTING PROCEDURES:
Not determined
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Dust clouds of this material in combination with an ignition source may be explosive.
NFPA-HAZARD-CODES: HEALTH 1 FIRE 1 REACTIVITY 0
UNUSUAL REACTION HAZARD: none

Abbreviations: N/D - Not Determined N/A - Not Applicable

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4. REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY - MATERIALS TO AVOID:

Storage at elevated temperatures can cause clumping of toner powder.

HAZARDOUS POLYMERIZATION: Will Not Occur

HAZARDOUS DECOMPOSITION PRODUCTS:

Combustion products may include carbon dioxide, carbon monoxide, hydrocarbons, styrene monomer, and carbon particulates.

5. ENVIRONMENTAL INFORMATION

SPILL RESPONSE:

Refer to other sections of this MSDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment. Call (612) 733-1110 or (612) 733-6100 for 24-hour spill assistance. Vacuum to avoid dusting. CAUTION! A vacuum cleaner could be an ignition source. Place in a closed container.

Caution: Toner powder on floors can create a slip hazard.

RECOMMENDED DISPOSAL:

Disposal in a sanitary landfill or industrial incinerator may be options. Since regulations and disposal options vary, consult applicable regulations or local waste disposal authorities prior to disposal.

ENVIRONMENTAL DATA:

No data available.

REGULATORY INFORMATION:

U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous).
Since regulations vary, consult applicable regulations or authorities before disposal.

SARA HAZARD CLASS:

FIRE HAZARD: No **PRESSURE:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

6. SUGGESTED FIRST AID

EYE CONTACT:

N/A

SKIN CONTACT:

N/A

INHALATION:

If signs/symptoms occur, remove person to fresh air. If signs/symptoms continue, call a physician.

IF SWALLOWED:

If swallowed, contact a physician or poison control center.

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7. PRECAUTIONARY INFORMATION

EYE PROTECTION:

Avoid eye contact.

SKIN PROTECTION:

Avoid prolonged or repeated skin contact..

VENTILATION PROTECTION:

Use in a well-ventilated area.

RESPIRATORY PROTECTION:

Avoid inhalation of dust..

PREVENTION OF ACCIDENTAL INGESTION:

Wash hands after handling and before eating.

RECOMMENDED STORAGE:

Store at room temperature. Keep out of the reach of children.

FIRE AND EXPLOSION AVOIDANCE:

Keep away from heat, sparks, open flame, and other sources of ignition.

INGREDIENTS	EXPOSURE LIMITS		TYPE	AUTH	SKIN*
	VALUE	UNIT			
POLYSTYRENE POLYMER OR	NONE	NONE	NONE	NONE	NONE
STYRENE ACRYLATE POLYMER	NONE	NONE	NONE	NONE	NONE
CARBON BLACK	3.5	mg/m3	TWA	ACGIH	
CARBON BLACK	3.5	mg/m3	TWA	OSHA	
C.I. SOLVENT BLACK 7	NONE	NONE	NONE	NONE	NONE
C.I. SOLVENT BLUE 5	NONE	NONE	NONE	NONE	NONE
FUMARATED ROSIN (MIXTURE WITH 1325-86-6)	NONE	NONE	NONE	NONE	NONE
MONODODECYL ESTER OF SULFURIC ACID (MIXTURE WITH 1325-86-6)	NONE	NONE	NONE	NONE	NONE

* SKIN NOTATION: Listed substances indicated with "Y" under SKIN refer to the potential contribution to the overall exposure by the cutaneous route including mucous membrane and eye, either by airborne or, more particularly, by direct contact with the substance. Vehicles can alter skin absorption.

SOURCE OF EXPOSURE LIMIT DATA:

- ACGIH: American Conference of Governmental Industrial Hygienists
- OSHA: Occupational Safety and Health Administration
- NONE: None Established

8. HEALTH HAZARD DATA

EYE CONTACT:

No adverse health effects are expected. (A similar

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8. HEALTH HAZARD DATA

(continued)

product was practically non-irritating when tested in laboratory animals.)

SKIN CONTACT:

No adverse health effects are expected. (A similar product was non-irritating when tested in laboratory animals.)

INHALATION:

Irritation (upper respiratory): signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

IF SWALLOWED:

No adverse health effects are expected.

OTHER HEALTH HAZARD INFORMATION:

ADDITIONAL EXPOSURE LIMITS: Carbon Black 3.5mg/m³ TWA (OSHA).

SECTION CHANGE DATES

REACTIVITY DATA **SECTION CHANGED SINCE JULY 1, 1992 ISSUE**

PRECAUT. INFO. **SECTION CHANGED SINCE FEBRUARY 15, 1992 ISSUE**

Abbreviations: N/D - Not Determined N/A - Not Applicable

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this material under normal conditions. Any use of the material which is not in conformance with this Data Sheet or which involves using the material in combination with any other material or any other process is the responsibility of the user.

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THIS PACKET CONTAINS MSDS TEXTS FOR THE
FOLLOWING PURCHASE ORDERS:
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